

☐ Draft/Worksheet

☒ Submission/Final Date Rcvd: ___/___/___



**CONSOLIDATED APPLICATION FORM
IRRIGATION EFFICIENCIES GRANTS
PROGRAM/TRUST WATER RIGHTS PROGRAM**



Project Name: Dungeness Irrigation District Main Piping Phase 1 & Cameron

(Check all that apply.)

☐ Temporary

IF TEMPORARY, START DATE ___/___/___

Contract No. _____

☒ Permanent

END DATE ___/___/___

☒ Portion of the identified existing water right

****IF MORE SPACE IS NEEDED, ATTACH ADDITIONAL SHEETS****

RECEIVED
FEB 10 2009
Washington State
Department of Ecology

1. Recipient Information:

☒ Yes ☐ No Does the Cost Share Recipient own all water rights pertinent to this project proposal?

APPLICANT/BUSINESS NAME Dungeness Irrigation District	PHONE NO. (360) 683-6746	FAX NO. ()
ADDRESS 316 Robbins Rd.		
CITY Sequim	STATE Sequim WA	ZIP Sequim 98328

2. How is Water to be Made Available for Trust from Dungeness River ?

<input type="checkbox"/> Alteration in method of diversion	<input type="checkbox"/> Alteration in water use/ irrigated acreage
<input checked="" type="checkbox"/> Alteration in method of delivery/conveyance	<input type="checkbox"/> Alteration in method of water application
<input type="checkbox"/> Other, Explain:	

Project Summary (Please be specific about every detail):

This project includes the replacement of two distinct reaches of the Dungeness Irrigation District (DID) main canal with approximately 7,100 feet of pipeline (Phase I). The first reach is from a point just downstream of the DID split from the Sequim Prairie canal and ends approximately 3,500 feet downstream at Hendrickson Road (Cameron Phase). The second reach of canal to be replaced with pipeline is approximately 3,600 long, beginning roughly 3.5 miles downstream at the Dungeness River Army Corps of Engineers dike and ending at Towne Road. The total estimated water savings to result from the piping of these two reaches of open canal is 1.8 cubic foot per second. In addition, bacterial contamination resulting from livestock access to the open canal will be eliminated, thus reducing bacterial loading to Meadowbrook Creek, a tributary to Dungeness Bay.

3. Project Cost Share Information

LEASE LENGTH PROPOSAL (IN YEARS)	PERPETUITY YEARS
PROPOSED WATER SAVINGS AMOUNT (CFS)	1.8 CFS
PERCENTAGE OF TOTAL WATER SAVINGS TO TRUST	85 PERCENT
ESTIMATED COST OF PROJECT PROPOSAL	\$ 683,333
COST SHARE AMOUNT REQUESTED	\$ 533,333
NUMBERS OF ACRES SERVED BY THIS PROPOSAL	~800 ACRES
COST PER ACRE	\$ 666
COST PER CFS	\$ 296.296
MATCH DOLLAR SOURCE? DOE Coastal Protection grant (\$50,000), EPA grant through Jamestown S'Klallam Tribe (\$54,000), NRCS EQIP to land user (\$46,000) AMOUNT:	\$ 150,000
COST PER ACRE-FOOT (Total cost per acre foot saved is difficult to determine because water is diverted for five months per year for irrigation and an additional four months for stock water)	\$ 2,500

WATER RIGHT DESCRIPTION

4. Water Right Holder Information

If Water Right Holder is the Cost Share Recipient, please skip to number 4.

NAME (IF DIFFERENT FROM ABOVE)	PHONE NO. ()	FAX NO. ()
IS THE WATER RIGHT HOLDER AN IRRIGATION DISTRICT?	<input type="checkbox"/> YES	<input type="checkbox"/> NO
IS THE PLACE OF USE WITHIN AN IRRIGATION DISTRICT?	<input type="checkbox"/> YES	<input type="checkbox"/> NO
ADDRESS		
CITY	STATE	ZIP

5. Water Right Information:

Please attach copies of any documentation that demonstrates consistent, historical use of water since the right was established.

WATER RIGHT OR CLAIM NUMBER S2-*03592CWRIS, S2-*17239J	RECORDED NAME(S) Dungeness Irrigation District
DO YOU OWN THE RIGHT? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO IF NO, PROVIDE OWNER(S) NAME and ADDRESS:	
HAS THE WATER BEEN PUT TO BENEFICIAL USE IN THE LAST FIVE (5) YEARS? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	
ARE WATER DIVERSIONS / WITHDRAWALS OF THIS WATER RIGHT METERED OR MEASURED? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	
ARE PUMP-POWER RECORDS AVAILABLE FOR THE LAST FIVE YEARS? N/A <input type="checkbox"/> YES <input type="checkbox"/> NO	
ARE AERIAL PHOTOS OF THE PROJECT SITE AVAILABLE? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	
ARE FSA CROP RECORDS AVAILABLE? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	
ARE THERE ANY OTHER RIGHTS, CLAIMS, OR RELEVANT CHANGES ASSOCIATED WITH THE PROJECT AREA? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	
IMPORTANT! PROVIDE INFORMATION OF THE EXTENT OF WATER USE FOR EACH OF THE LAST FIVE YEARS:	
Limited flow data are available for the Dungeness Irrigation District. A measurement of 10.42 cfs was recorded on May 25, 2007. A measurement of 5.83 cfs was recorded on July 31, 2007. A measurement of 5.35 was recorded on November 16, 2007.	

6. Project Water Information

NUMBER OF ESA OR SASSI LISTED SPECIES IN AFFECTED TRIBUTARY?

The following four species of salmonids that utilize the Dungeness River are listed as *Threatened* under the Endangered Species Act (ESA): Puget Sound Chinook, Hood Canal Summer Chum, Puget Sound Steelhead and Bull Trout. In addition, Fall Chum, Lower Dungeness Pink, and Dungeness Steelhead stocks are classified as *Critical*, and Coho and Upper Dungeness Pink stocks are listed as *Depressed* by the Washington Department of Fish and Wildlife.

MONTHS CRITICAL TO LISTED SPECIES? (PLEASE HIGHLIGHT OR CIRCLE)

January February March April May June July August September October November December

MONTHS WHEN PROJECT WATER SAVINGS WILL INCREASE INSTREAM FLOW IN PROJECT TRIBUTARY? (Circle any)

January February March April May June July August September October November December

HISTORIC / BENEFICIAL USE QUANTITY OF THE WATER RIGHT? (Highest of the last 5 irrigation seasons; in instantaneous rate and annual quantity)

CFS 10.42 (estimate) AF 3,177 (does not include non-irrigation season diversions for stock water)

TOTAL QUANTITY OF PROJECT WATER SAVINGS?

CFS 1.8 AF 600

WILL THE INSTANTANEOUS RATE SAVINGS VARY FROM MONTH TO MONTH THROUGH THE IRRIGATION SEASON?

☒ YES ☐ NO

(Please list quantities by month)

Average instantaneous water losses, based on data collected by Clallam Conservation District (and confirmed by data collected by Montgomery Water Group for development of the *Comprehensive Water Conservation Plan*), are 1.8 cfs. Ditch leakage tends to be highest in the early part of the season. Also, water has historically been diverted throughout the year for stock watering, except late winter when ditch maintenance occurs.

January February March April May June July August September October November December

QUANTITY OF PROJECT WATER SAVINGS TO TRUST?

CFS 1.5 AF 510

WILL THE INSTANTANEOUS RATE SAVINGS APPLIED TO THE TRUST VARY FROM MONTH TO MONTH THROUGH THE IRRIGATION SEASON?

☐ YES ☒ NO

(Please list quantities by month)

January February March April May June July August September October November December

Please explain:

IS THE WATER RIGHT PART OF AN ADJUDICATED BASIN?

☒ YES ☐ NO

EXPLAIN HOW THE SENIORITY OF THE RIGHT(S) RELATES TO OTHER RIGHTS *WITHIN* THE PRIMARY REACH:

Dungeness Irrigation District is a member of the Dungeness River Agricultural Water Users Association along with each of the other irrigation districts and companies in the Dungeness Valley. They work cooperatively to manage diversions from the Dungeness River and improve the efficiencies of their respective irrigation systems.

EXPLAIN HOW THE SENIORITY OF THE RIGHT(S) RELATES TO OTHER RIGHTS *ABOVE AND BELOW* THE PRIMARY REACH:

All water diversions on the Dungeness River occur within approximately two miles of one another. The entire lower reach of the Dungeness River is the primary reach and there are no "junior" water rights holders on the Dungeness River.

7. Point(s) of Diversion/Withdrawal:

A. Existing POD

SOURCE	NO.	¼	¼	SEC.	TWP.	RGE.	PARCEL #	WELL TAG #
Dungeness Irrigation District		NE	NE	26	30N	4W		

Please include copies of all water well reports involved with this proposal. Also, if you know the distances from the nearest section corner to the above point(s) of diversion/withdrawal, please include that information in Item No. 6 (remarks) or as an attachment.

B. Proposed POD

SOURCE	NO.	¼	¼	SEC.	TWP.	RGE.	PARCEL #	WELL TAG #
Same as above								

8. Purpose of Use:

A. Existing Use of the Water Right

PURPOSE OF USE	GPM or CFS	ACRE-FT/YR	PERIOD OF USE
Irrigation/Stock Water			April 15-September 15
Stock Water			All year

B. Proposed Use of the Water Right

PURPOSE OF USE	GPM or CFS	ACRE-FT/YR	PERIOD OF USE
Same as above			Same as above

9. Place of Use:

A. Existing:

LEGAL DESCRIPTION OF LANDS WHERE WATER IS PRESENTLY USED:							
Sections 1, 12, 13, 24 T30N R4W, Sections 31, 36 T31N R4W, Section 31 T31N R3W							
¼	¼	SEC.	TWP.	RGE.	COUNTY	PARCEL #	# OF ACRES
					Clallam		800
DO YOU OWN ALL THE LANDS IN THE EXISTING PLACE OF USE? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO – IF NO, PROVIDE OWNER(S) NAME: The Place of Use is private land within the Dungeness Irrigation District.							

B. Proposed:

IDENTIFY THE WATER BODY TO BE BENEFITED OR OTHER PLACE TO BE BENEFITED
Dungeness River

10. Remarks and Other Relevant Information:

11. Signatures:

I certify that the information above is true and accurate to the best of my knowledge. I understand that in order to process my application, I am hereby granting staff from the Department of Ecology access to the above site(s) for inspection and monitoring purposes. If assisted in the preparation of the above application, I understand that all responsibility for the accuracy of the information rests with me. I also understand that I may rescind this application at any time prior to signing the Irrigation Efficiencies Grants Program's Cost Share Agreement with no other obligations or requirements.

same as Water Right Holder
(Applicant/Cost Share Recipient)

 / /
(Date)

Paul M. Kelly
(Water Right Holder)

2 / 6 / 2009
(Date)

(Land Owner(s) of Existing Place of Use)

 / /
(Date)

For further information contact:

Your local conservation district
or
Jon K. Culp, Program Manager
Washington State Conservation Commission
Irrigation Efficiencies Grants Program
(509) 826-7212,
jculp@scc.wa.gov